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ABSTRACT

This document contains an annotated bibliography which includes citations for 73 reports or other documents that deal with the evaluation of computer-based career information delivery systems. A few entries deal with the broader field of computer-assisted career guidance. The citations are grouped under three headings: (1) 42 state-based systems, listed alphabetically by state; (2) 8 comparisons of systems, listed alphabetically by author; and (3) 23 other documents, listed alphabetically by author. Coding at the end of each entry identifies the topics discussed in that document. (NRB)

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Evaluations of Computer-Based Career Information Delivery Systems

An Annotated Bibliography

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Association of Computer-Based Systems for Career Information



Evaluations of Computer-Based Career Information Delivery Systems

An Annotated Bibliography

Association of Computer-Based Systems for Career Information

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This annotated bibliography includes citations for 73 reports or other documents that deal, in whole or part, with evaluation of computer-based career information delivery systems and related matters. Few entries deal with the more broadly viewed field of "computer-assisted career guidance."

The citations are grouped under three headings:

1. State-based Systems, listed alphabetically by state.
2. Comparisons of Systems, listed alphabetically by author.
3. Other documents, listed alphabetically by author.

The coding at the end of each entry identifies the topics discussed in that document.

STATE-BASED SYSTEMS

0015 Alabama Occupational Information System (AOIS) Final Report

By Graves, Charles W. Montgomery, Alabama: Alabama Occupational Information System, 1979: 35 pages.

Report describes development of AOIS under a four-year grant from Department of Labor. Covers history, system description, services to user agencies, system usage and impact, organization and finances.

Subject: 01 06
State-based systems
Organization and management of systems

Geographic Scope: 01
Alabama

Form: 02
Project

0008 Evaluation of EUREKA Project

by Burke, Paul, J. Richmond, California: Richmond Unified School District, 1979: 31 pages.

This third-party evaluation, based on personal interviews with directors and counselors at 17 sites using EUREKA: The California Career Information System, focuses on strengths and weaknesses of the system as seen by users.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 03 04 08 11
Senior high schools
Vocational-technical schools
Employment & training centers
Rehabilitation agencies

Geographic Scope: 06
California

Form: 03
Evaluation

0011 Evaluation of "EUREKA" The California Career Information System

by Chambers, Jack A., & Sprecher, Jerry. Fresno California: Center for Information Processing, California State University, 1979: 36 pages.

An external evaluation of EUREKA usage at six California community colleges and two universities, based on interviews with counselors and students. Includes methodology, results, and recommendations.

Subject: 01 04

State-based systems

System effectiveness with various user types

Type of User Sites: 05 06

Community colleges

Four year colleges and universities

Geographic Scope: 06

California

Form: 03

Evaluation

0035 EUREKA, The California Career Information System Final Report

by Halligan, Patrick. Richmond: Richmond, California Unified School District, 1979: 24 pages.

This report covers the early development of EUREKA in 1978-79, focusing on seven major objectives and their outcomes. At the time, EUREKA was serving 40 secondary schools, 32 community colleges, nine four-year colleges and ten agencies in California.

Subject: 01

State-based systems

Type of Users Sites: 03 05 06

Senior high schools

Community colleges

Four year colleges and universities

Geographic Scope: 06

California

Form: 02

Project

0036 Project EUREKA Evaluation Report

by Mavall, Donald. Richmond: Richmond, California
Unified School District, 1977, 7 pages.

This evaluation was based on responses to questionnaires
by students and counselors who used EUREKA during a three-week
test period at six high schools in the Richmond Unified School
District.

Subject: 01
State-based systems

Type of User Sites: 03
Senior high schools

Geographic Scope: 06
California

Form: 03
Evaluation

0010 Colorado Career Information System: Final Report

by Parish, Pauline, & Scanlon, Frank. Boulder, Colorado:
University of Colorado, 1979; 107 pages.

Report describes development of COCIS under a four-year
grant from Department of Labor. Covers history, system
description, services to user agencies, system usage and impact,
organization and finances.

Subject: 01 06
State-based systems
Organization and management of systems

Geographic Scope: 08
Colorado

Form: 02
Project

0040 Career Information Plus Counseling Pays Off

by Rosenberg, Howard G. Boulder: University of Colorado,
1978: 9 pages.

To assess the impact of employment outlook occupational information on the career decision making of college students, the author divided 96 students into four groups--one for counseling, another for use of the Colorado Career Information System, a third for both treatments, and a fourth control group. "Data analysis revealed that the treatment which used both the group and computer methods was more potent than the other treatments."

Subject: 01
State-based systems

Type of User Sites: 06
Four year colleges and universities

Geographic Scope: 08
Colorado

Form: 02
Project

0047 Final Evaluation Report of the Career Information Delivery System Implemented by the Connecticut State Occupational Information Coordinating Committee.

By Thompson, Donald L. Storrs, Conn.: Program Development & Evaluation Associates, 1983: 64 pages.

This third-party evaluation of CONSIDER/GIS, the name of the CIDS implemented by Connecticut SOICC, is based on a mail survey of staff and users at 27 of 124 public secondary schools and 18 of 80 other agency sites served at the time. Responses indicated high levels of satisfaction with the system. The report also discusses "market penetration" and supports additional efforts to increase the numbers of "non-traditional" or other than secondary school sites for the system.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 03
Senior high schools

Geographic Scope: 09
Connecticut

Form: 03
Evaluation

0009 Evaluation of the Georgia Career Information System as
Used at Pilot Demonstration Sites

by Arnold, Wendy, M. Atlanta, Georgia: Georgia
Career Information System, 1978: 2 pages.

Using Oregon CIS files, GCIS pilot tested the system
at two community colleges, two universities and a high
school in 1978. The evaluation is based on responses of 183
users.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 03 05 06
Senior high schools
Community colleges
Four year colleges and universities

Geographic Scope: 13
Georgia

Form: 03
Evaluation

0037 CAREER KOKUA- The Hawaii Career Information System Summary
of User Survey

by Awaya, Diane S. Manoa: University of Hawaii, 1981: 35
pages.

This report is based on 233 responses to a survey of users
of CAREER KOKUA in six high schools and a vocational
rehabilitation agency.

Subject: 01
State-based system

Type of User Sites: 03 11
Senior high schools
Rehabilitation agencies

Geographic Scope: 15
Hawaii

Form: 03
Evaluation

0016 The Leeward Experience

By Colozzi, Edward. Pearl City, Hawaii: Leeward Community College, 1981, 27 pages.

Leeward Community College was the pilot demonstration site in 1979-80 for CAREER KOKUA, the Hawaii Career Information System. This report reviews that experience, presents evaluation by staff and student users, and makes recommendations.

Subject: 01 04

State-based systems

System effectiveness with various user types

Type of User Sites: 05

Community Colleges

Geographic Scope: 15

Hawaii

Form: 03

Evaluation

0005 Idaho Career Information Feasibility Study: Final Report

by Mollerup, Charles R. Boise, Idaho: Occupational Information Coordinating Committee, 1979; 39 pages.

Three test sites in Idaho ran pilot programs from Oregon CIS. A sample of students, clients and CETA participants were surveyed to determine interest and usefulness of the information in the system. Site coordinators reported on usage of the system and their assessment of its strengths and weaknesses.

Subject: 01

State-based systems

Geographic Scope: 16

Idaho

Form: 02

Project

0039 Idaho Career Information System: Preliminary Evaluation of
the System's Effectiveness

by Silver, Shirley. Boise: Idaho Career Information
System, 1981; 34 pages.

Idaho CIS was first made available to the public in May
1980. This report, based on a telephone survey of counselors at
76 sites and responses to a user's questionnaire in 1981,
yielded "overwhelming evidence . . . that the system is meeting
its initial objectives: it is being used; counselors rate it
useful as a counseling tool; and students and clients attest to
its effectiveness and helpfulness in making career decisions."

Subject: 01 04

State-based systems

System effectiveness with various user types

Type of User Sites: 02 03 06

Junior high schools or middle schools

Senior high schools

Four year colleges and universities

Geographic Scope: 16

Idaho

Form: 03

Evaluation

0045 PLATO Career Information System Field Test

by Flynn, Marilyn L., Knight, Mary T., and DiBello, Louis
V., Champaign: University of Illinois at Urbana, 1982;
19 pages.

The PLATO CIS, an adaptation of Oregon CIS, was tested at
two Illinois sites--a CETA center and a community college--to
assess its utility to disadvantaged youth and other special
needs populations needing lower reading levels and more
simplified user instructions.

Subject: 04

System effectiveness with various user types

Type of User Sites: 05 07

Community Colleges

Employment & training centers

Geographic Scope: 17

Illinois

Form: 03

Evaluation

0012 Marketing Research Project to Evaluate the Feasibility of
Establishing a Training and Education Data Service Volume I:
General Study Findings

By Kendrick, James. Washington, D.C.: Kendrick and
Company, 1980; 77 pages.

Indiana's Training and Education Data Service (TEDS)
commissioned this study to determine the market demand for a
career information service. The authors surveyed 477 respondents
in ten categories of organizations concerning the buying capacity
of their organizations, their current uses of counseling
information, the characteristics and information needs of their
clients, and preferences as to the technology involved in
distributing information. Aggregate market demand for TEDS
products and services in Indiana was estimated at more than
\$300,000.

Subject: 01
State-based systems

Type of User Sites: 02 03 05 06 07 09 10
Junior High Schools or Middle Schools
Senior High Schools
Four-Year Colleges and Universities
Employment & Training Centers (CETA, etc.)
Correctional Institutions
Business or Industries
Counseling Agencies and Centers

Geographic Scope: 18
Indiana

Form: 02
Project

0013 Marketing Research Project to Evaluate the Feasibility of
Establishing a Training and Educational Data Service Volume II:
The Survey

By Kendrick, James. Washington, D.C.: Kendrick and
Company, 1980; 92 pages.

Indiana's Training and Education Data Service (TEDS)
commissioned this study to determine the market demand for a
career information service. Volume II covers the methodology,
questionnaire and responses of those surveyed. Among its
conclusions: "high potential customers are concentrated in a few
geographic areas."

Subject: 01
State-based systems

Type of User Sites: 02 03 05 06 07 09 10
Junior High Schools or Middle Schools
Senior High Schools
Four-Year Colleges and Universities
Employment & Training Centers (CETA, etc.)
Correctional Institutions
Business or Industries
Counseling Agencies and Centers

Geographic Scope: 18
Indiana

Form: 02
Project

0064 KANSAS CAREERS Annual Counselor and Client Evaluations:
1981 through 1985

By Angle, Dennis R. Manhattan, Kansas: KANSAS
CAREERS, 1985; 35 pages.

The report covers responses of counselors and students to questions regarding usage of the KANSAS CAREERS system, beginning with a pilot test in 1981. Included is an evaluation of training for counselors in the use of the system.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 03
Senior high schools

Geographic Scope: 20
Kansas

Form: 03
Evaluation

0065 An Independent Evaluation of KANSAS SKILLS and Vocational
Services Provided by Rehabilitation Counselors

By Havlicek, Larry L. Lawrence, Kansas: University
of Kansas, 1985; 51 pages.

The author surveyed 80 rehabilitation counselors and caseload carrying supervisors identified by the Kansas Rehabilitation Services, on their first-year experience in using KANSAS SKILLS (a software program developed by KANSAS CAREERS) with their clients. Responses from 56 pointed to a need for increased training and support in use of the system, as well as some modifications in the system.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 11
Rehabilitation agencies

Geographic Scope: 20
Kansas

Form: 03
Evaluation

0017 Essex Career Information System Evaluation Report

By Hill, Maureen. Baltimore County, Maryland: Essex Community College, 1978: 13 pages.

Maryland's Essex Community College began to implement the Oregon Career Information System in 1977. This evaluation was based on initial usage by 200 students, and questionnaires completed by students and counselors.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 04
Community Colleges

Geographic Scope: 24
Maryland

Form: 03
Evaluation

0018 Michigan Occupational Information System Final Evaluation Report

By Gordon, Eric, Resnick, Jeffrey, & Meacham, Sandra. Berkley, Michigan: Instructional Development & Evaluation Associates, Inc.; 97 pages.

This external evaluation of MOIS covers the methodology and responses to a survey of system usage at more than 400 sites, including secondary and post-secondary schools, CETA sponsored agencies, vocational rehabilitation centers, employment security offices and libraries.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 02 03 05 06 08 11 13
Junior High Schools or Middle Schools
Senior High Schools
Four-Year Colleges and Universities
Employment & Training Centers (CETA, etc.)
Employment Security Offices
Rehabilitation Agencies
Libraries

Geographic Scope: 26
Michigan

Form: 03
Evaluation

0054 Careers, Education and the Unemployed Adult: Testing a Pilot Application of the Michigan Occupational Information System

By Michigan State Board of Education. Lansing, Michigan: Michigan State Board of Education, 1981: 78 pages.

This report describes an Outreach Project, organized by Michigan's Education Information Center, in which unemployed adults at seven sites were introduced to educational and employment information in a "highly structured" use of MOIS designed to produce individual career plans and follow-through. Evaluation of the test, conducted with 203 participants at the seven sites, indicated that "the procedure is extremely successful. Not only do almost all of the unemployed adults develop career plans; more than half follow through with their plans."

Subject: 01 04
State-based systems
System effectiveness with various user types

Types of User Sites: 07
Employment & training centers

Geographic Scope: 26
Michigan

Form: 02
Project

0038 Minnesota Occupational Information System: Evaluation and Recommendations

By Glover, Robert H. Minnesota Higher Education Coordinating Board, 1980; 60 pages.

This external evaluation of MOIS, prepared for the Minnesota Higher Education Coordinating Board, focuses on the organizational problems of MOIS following expiration of its Department of Labor grant and the need for interagency cooperation.

Subject: 01 06 08
State-based systems
Organization and management of systems
Policy

Type of User Sites: 99
Not applicable

Geographic Scope: 27
Minnesota

Form: 03
Evaluation

0052 Minnesota Counselors' Perceptions of the Minnesota Occupational Information System

By Minnesota: Minnesota Occupational Information System, 1978: 105 pages.

Based on a Minnesota Occupational Information System questionnaire, 64 counselors/site coordinators rated MOIS during its early development with regard to student benefits, occupational and educational information, inservice training, QUEST, and computer delivery. In general, a majority reported satisfaction in all five areas: questions of quality were raised regarding Visit (work site) and XPLOR (school) information. The conclusion states that the study "... has provided some support for the directions which MOIS has taken during its initial development."

Subject: 01 02 05
State-based systems
Delivery system
Information quality

Type of User Sites: 03 04 05 06 10
Senior high schools
Vocational-technical school
Community colleges
Four-year colleges and universities
Counseling agencies and centers

Geographic Scope: 27
Minnesota

Form: 03
Evaluation

0007 The Minnesota Occupational Information System (MOIS):
Applications in Vocational Rehabilitation of Correctional
Inmates

St. Paul, Minnesota: Minnesota Occupational
Information System, 1977: 34 pages.

As part of a Comprehensive Offender Program Effort,
MOIS was tested with 64 inmates of the Men's State
Reformatory. This draft report, covering methodology and
findings, concluded that "inmates undergoing vocational
rehabilitation in a correctional setting were satisfied with
MOIS, felt the MOIS system was useful in planning, and
supported its continuation."

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 09
Correctional institutions

Geographic Scope: 27
Minnesota

Form: 03
Evaluation

0006 Summary Report and Statistical Analysis of
Computerized Occupational Information Tryout

St. Paul, Minnesota: Veterans Administration Center,
1977: 12 pages.

The Minnesota Occupational Information System was
tested for three months by the Counseling and
Rehabilitation Section of the St. Paul Veterans
Administration Center. The report covers technical
training, counselor response and usage, veteran response,
applications, evaluation and recommendations.

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 11
Rehabilitation agencies

Geographic Scope: 27
Minnesota

Form: 02
Project

0049 Montana Career Information System Program Evaluation

By ECO Northwest, Ltd. Helena, Montana: ECO Northwest, Ltd., 1984: 35 pages.

This third-party evaluation was based on responses to a questionnaire which site coordinators at 68 sites served by Montana CIS were asked to administer to users. Those returned showed a high degree of satisfaction with the system's information and ease of use. But the lack of response from 30 sites pointed up the vital role of site coordinators in promoting usage of the system.

Subject: 01 05
State-based systems
Information quality

Type of User Sites: 99
Not applicable

Geographic Scope: 30
Montana

Form: 03
Evaluation

0003 Ohio Career Information System: Final Report

by Lindberg, Deborah. Columbus, Ohio: Ohio Career Information System, 1980: 37 pages.

Report describes development of OCIS under a four-year Department of Labor grant. Covers history, system description, system impact on users, organization and financial aspects.

Subject: 01 06
State-based systems
Organization and management of systems

Geographic Scope: 39
Ohio

Form: 02
Project

0033 Disseminating Career Information at a Shopping Center

by the Career Information System. Eugene: University of Oregon, 1973; 9 pages.

This report describes use of the Oregon Career Information System, in an indoor shopping mall, by approximately 400 persons over a seven-day period. A survey of users showed that "adults are indeed anxious to obtain occupational information" and found the system "to be a convenient way to obtaining it."

Subject: 01 04 07

State-based systems

System effectiveness with various user types

Costs & cost effectiveness of systems

Type of User Sites: 12

Business or industries

Geographic Scope: 41

Oregon

Form: 03

Evaluation

0025 The Role the Career Information System Plays in Assessment and Employability Development Plans

by Fauria, Charlene. Eugene, Oregon: Career Information System, 1981; 20 pages.

This report describes the uses made of CIS by three Oregon CETA prime sponsors in assisting clients to obtain unsubsidized employment.

Subject: 01 04

State-based systems

System effectiveness with various user types

Type of User Sites: 07

Employment & training centers

Geographic Scope: 41

Oregon

Form: 01

Description

0024 Validity and Readability of the Occupational
Information Access System "QUEST" Questionnaire

by McKinlay, Bruce. Eugene, Oregon: University of
Oregon, 1971; 55 pages.

OIAS, precursor of Oregon's Career Information
System, developed "QUEST" as a self-report on interests and
aptitudes, enabling users to gain direct access to relevant
occupational information. This report on research in the
use of "QUEST" and self-reports generally asserts that in
most cases self-reports "are as valid as counselor
estimates" and can be "as valid as testing."

Subject: 02 04
Delivery system
System effectiveness with various user types

Type of User Sites: 08
Employment security offices

Geographic Scope: 41
Oregon

Form: 03
Evaluation

0034 Evaluation of the Occupational Information Access System As
Used At Churchill High School

by McKinlay, Bruce and Adams, Daniel. Eugene:
University of Oregon, 1971; 61 pages.

OIAS, the precursor of Oregon's Career Information System,
was tested for five months at Churchill High School in Eugene.
The evaluation, based on questionnaires completed by users and
non-users, determined that "half the student body of 1,040 used
the System, mostly without being instructed to do so, without
assistance, and without supervision."

Subject: 01 02 04 05
State-based systems
Delivery system
System effectiveness with various user types
Information quality

Type of User Sites: 03
Senior high schools

Geographic Scope: 41
Oregon

Form: 03
Evaluation

0022 Education Components for a Career Information System

by McKinlay, Bruce, and Franklin, P.L. Eugene,
Oregon: Career Information System, 1975: 87 pages.

This report describes the development of the education components of Oregon's Career Information System-- the Preparation, Program and School files-- and their integration with the system's occupational information. Effectiveness of the expanded system was tested with a variety of users; procedures and results of this evaluation are reported. Separate chapters deal with usage of the system by adults in shopping centers and by prisoners in correctional facilities.

Subject: 01 04 05

State-based systems

System effectiveness with various user types

Information quality

Type of User Sites: 03 05 09

Senior high schools

Community colleges

Correctional institutions

Geographic Scope: 41

Oregon

Form: 02

Project

0026 Evaluation of Occupational Information Access System
Use in Six Pilot Agencies

by McKinlay, Bruce, and Ross, Larry L. Eugene,
Oregon: University of Oregon, 1970: 53 pages.

OIAS, precursor of Oregon's Career Information System, was pilot tested in 1970 at a high school, community college, university counseling center, two Employment Division offices, and a vocational rehabilitation office. The evaluation reports the experience of counselors at each site.

Subject: 01 02 04

State-based systems

Delivery system

System effectiveness with various user types

Type of User Sites: 03 05 06 08 11

Senior high schools

Community colleges

Four year colleges and universities

Employment security offices

Rehabilitation agencies

Geographic Scope: 41

Oregon

Form: 03

Evaluation

0023 Research and Development of an Occupational
Information Access System

by McKeever, Michael R. Eugene, Oregon: Career
Information System. 1979: 43 pages.

This report reviews the research undertaken in the
development of OIAS, precursor of Oregon's Career
Information System, and describes in detail the research
leading to a revised QUEST, the self-report on preferences
and abilities which provides structured access to the
System's information files.

Subject: 02 04
Delivery system
System effectiveness with various user types

Geographic Scope: 41
Oregon

Form: 03
Evaluation

0032 Career Information Usage In A Correctional Setting: A
Pilot Test at Shelton Correction Institution

by the Oregon Career Information System, Eugene: Career
Information System, 1973: 5 pages.

The Oregon Career Information System was tested by 30
residents of this Washington State facility. Responses to a
questionnaire showed that "the vast majority of users found it
helped them to think about their own interests, abilities and
preferences as they relate to occupations, and it suggested new
occupations to consider."

Subject: 02 04
Delivery system
System effectiveness with various user types

Type of User Sites: 09
Correctional institutions

Geographic Scope: 53
Washington

Form: 03
Evaluation

0021 The Effectiveness of Two Systems for Delivering
Occupational Information: A Comparative Analysis

by Ross, Larry Lynn. Eugene, Oregon: University of
Oregon, 1971, unpublished Master's thesis: 110 pages.

The Occupational Information Access System, precursor
of Oregon's Career Information System, is compared with the
counseling program of the Lane Community College Counseling
Center. Three types of evaluation are reported: an
assessment of both systems in terms of standards for an
"ideal" occupational information system; a comparison of the
attractiveness and impact of the two systems as reported by
users; and a cost-effectiveness measurement of the two
systems. The author concludes that "OIAS is at least as
effective and definitely more efficient as an information
delivery system."

Subject: 02 04 07

Delivery system

System effectiveness with various user types

Costs & cost effectiveness of systems

Type of User Sites: 05

Community Colleges

Geographic Scope: 41

Oregon

Form: 03

Evaluation

0020 Occupational Information for ES Counseling

by Weick, Jerry. Eugene, Oregon: University of Oregon,
1972: 116 pages.

This is an evaluation of the usage of the Occupational
Information Access System, precursor of Oregon's Career
Information System, at three Employment Service offices in
Portland, Oregon. Responses of clients and counselors
affirmed the effectiveness of the system with both disadvan-
taged and non-disadvantaged clients. Among the findings:
"OIAS raises the level of client participation in the career
planning process and facilitates client-counselor communica-
tion."

Subject: 01 04 05

State-based systems

System effectiveness with various user types

Information quality

Type of User Sites: 08

Employment security offices

Geographic Scope: 41

Oregon

Form: 03

Evaluation

0002 PENNScript: Evaluation of a Statewide Occupational
Information System

by Dittenhafer, Clarence A. Harrisburg,
Pennsylvania: Department of Education, 1976; 31 pages.

This evaluation of PENNScript--Pennsylvania's
adaptation of the VIEW microform system--was based on a
mailed survey of counselors, students and teachers.
Responses indicated that "the microform delivery system has
proven generally adequate," that "the impact/use of
PENNScript was good," and that "user evaluations were
overwhelmingly positive," but that promotional efforts "were
unsuccessful."

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 02 03 04
Junior high schools or middle schools
Senior high schools
Vocational-technical schools

Geographic Scope: 42
Pennsylvania

Form: 03
Evaluation

0019 A Feasibility Study for a Career Information Delivery
System for Virginia

By McDaniels, Carl, Snipes, Juanita K., & Peevy, Evelyn S.
Blacksburg, Virginia: Virginia Polytechnic Institute and
State University, 1980; 144 pages.

Commissioned by the Virginia Occupational Information
Coordinating Committee, the study covers a review of CIDS
literature and projects in other states, profiles of existing
systems in Virginia, an analysis of the best practices of other
states, an analysis of national standards and guidelines, and an
analysis of vendor presentations. The authors recommend a three-
stage development plan for a statewide CIDS in Virginia.

Subject: 01 03
State-based systems
Comparisons of systems

Geographic Scope: 51
Virginia

Form: 02
Project

0001 Washington Occupational Information Service: Annual
Report 1979

by Chase, Elton W. Olympia, Washington: The
Evergreen State College, Washington Occupational Information
Consortium, 1980: 61 pages.

Report describes development of WOIS under a four-
year Department of Labor grant. Covers system description,
service to user agencies, system impact on users,
organization and financial aspects.

Subject: 01 06
State-based systems
Organization and management of systems

Geographic Scope: 53
Washington

Form: 02
Project

0004 Wisconsin Career Information System: Final Report

by Caulum, David A., Augustin, James, & Lambert,
Roger H. Madison, Wisconsin: Wisconsin Vocational Studies
Center, 1980: 284 pages.

Report describes development of WCIS under a four-
year Department of Labor grant. Covers history, system
description, services to user agencies, system impact on
user, organization and financial aspects.

Subject: 01 06
State-based systems
Organization and management of systems

Geographic Scope: 55
Wisconsin

Form: 02
Project

0063 WCIS in the High School Setting: Six Case Studies

By Knapp, John V., and Augustin, James W. Madison,
Wisconsin: Wisconsin Vocational Studies Center, 1980; 179
pages.

Using questionnaires and interviews, the authors examined the use of the Wisconsin Career Information System at six representative high schools, noted the strengths and weaknesses of their experience, and focused on the type of human activity that tended to enhance the potential usefulness of the system. Among their findings: "The success of career education and WCIS usage in a given school is directly and immediately related to an involved, enthusiastic, and energetic (site) coordinator. With the right person ready, willing and able to get things moving, the success level of WCIS in the schools is extremely high."

Subject: 01 04
State-based systems
System effectiveness with various user types

Type of User Sites: 03
Senior high schools

Geographic Scope: 55
Wisconsin

Form: 03
Evaluation

COMPARISONS OF SYSTEMS

0028 Computerized Career Information and Guidance Systems

by Clyde, John S. Columbus: The ERIC Clearinghouse on Adult, Career and Vocational Education, Ohio State University, 1979.

The author reviews the development of computerized systems that assist in career decision making, describes the characteristics of leading systems, reviews the literature on systems research and evaluation as applied to usage with high school, postsecondary and non-school adult populations. Appendices include proposed standards for system assessment and a bibliography of studies in the field.

Subject: 03
Comparisons of systems

Type of User Sites: 99
Not applicable

Geographic Scope: 60
United States

Form: 03
Evaluation

0042 Computer-Assisted Guidance: Concepts and Practices

by Katz, Martin, R. and Shatkin, Laurence. Princeton: Educational Testing Service, 1980; 82 pages.

The development and status of computer-assisted guidance systems are reviewed and analyzed. They are compared with other career guidance resources and differentiated from one another in terms of such major topics as scope, content, structure, style, procedures, cost, effects, and rationales and models.

Subject: 03
Comparisons of systems

Type of User Sites: 99
Not applicable

Geographic Scope: 60
United States

Form: 01
Description

0041 Occupational Information Systems and Their Use in
Rehabilitation

by Kruger, Reuven. Fishersville, VA: Woodrow Wilson
Rehabilitation Center, 1980; 18 pages.

Based on a survey of a number of systems, the author
concludes the "for all their imperfections and limitations,
occupational information systems make an impressive contribution
to the fundamental mission of rehabilitation: providing useful
direction for human talent and ability."

Subject: 03
Comparisons of systems

Type of User Sites: 11
Rehabilitation agencies

Geographic Scope: 60
United States

Form: 01
Description

0058 How to Select a Computer-Assisted Career Guidance System

By Maze, Marilyn and Cummings, Robert. Madison, Wisconsin: Wisconsin
Vocational Studies Center, 1982; 158 pages.

This manual includes chapters on the career planning process; the
development of computer-assisted career guidance systems (CACGS),
criteria for comparing the goals, components, and structures of
different CACGS; analyses of four CACGS--CIS, GIS, SIGI, and DISCOVER;
organizational planning for integrating a CACGS into a counseling
program; and the outlook for future development of these systems.

Subject: 03
Comparisons of systems

Type of User Sites: 99
Not applicable

Geographic Scope: 99
Not applicable

Form: 01
Evaluation

0055 Investigation of the Career Information Needs of the Handicapped:
Executive Summary

By Moore and Juliano, Inc. Lansing, Michigan: Moore and Juliano, Inc.,
1981: 17 pages.

This report, commissioned by the Michigan Occupational Information Coordinating Committee, involved field testing of four systems at Michigan Rehabilitation Services offices: MOIS, VOCOMP, the Job-Related Physical Capacities model, and the MESC/Jewish Vocational Service DOT Data Base. The investigators then developed a conceptual model of an "ideal" system incorporating elements of these and other systems, and proposed alternative implementation plans.

Subject: 02 03
Delivery system
Comparisons of systems

Type of User Sites: 11
Rehabilitation agencies

Geographic Scope: 26
Michigan

Form: 02
Project

0014 Career Information Delivery System (CIDS) Feasibility
Study

By Rath, Gustave J., Jacobson, Marilyn, & Grabowski,
Barbara T. Evanston, Illinois: Northwestern University,
School of Education, 1980; 310 pages.

This report laid the basis for organization of the Illinois Career Information Delivery System, called HORIZONS. The study is in four parts: a Target Group Needs Analysis, based on more than 100 interviews and three public workshops; System Criteria Development; a Vendor System Analysis, comparing the features of AEL, CHOICES, CIS, COIN, CVIS, DISCOVER, ECES, EXPLORE, GIS, SCAD, SEARCH, SIGI, VIEW, VIP, VOCOMP; and an Implementation Plan.

Subject: 01 03 04
State-based systems
Comparisons of systems
System effectiveness with various user types

Type of User Sites: 99
Not Applicable

Geographic Scope: 17
Illinois

Form: 03
Evaluation

0043 Computer-Assisted Guidance: Descriptions of Systems

by Shatkin, Laurence. Princeton: Educational Testing Service, 1980: 123 pages.

Eighteen currently operating computer-assisted guidance systems are described on the same set of topics: scope and content, structure, and procedures.

Subject: 03
Comparisons of systems

Type of User Sites: 99
Not applicable

Geographic Scope: 60
United States

Form: 01
Description

0062 A Comparative Study of Career Information Systems as They Relate to Users' Needs

By Ventura (California) County Superintendent of Schools Office, 1979: 96 pages.

This report describes the activities, procedures, and major findings of a study to determine the guidance needs of the six California Occupational Information Coordinating Committee member agencies, and to identify and evaluate existing career information systems for their compatibility with the California Occupational Information System and the identified users' needs.

Subject: 03
Comparisons of systems

Type of User Sites:

Geographic Scope: 06
California

Form: 02
Project

OTHER DOCUMENTS

0072 Handbook of Standards for Computer-Based Career Information Systems

By Association of Computer-Based Systems for Career Information. Eugene, Oregon: ACSCI Clearinghouse, University of Oregon, 1982; 22 pages.

Prepared by the Association of Computer-Based Systems for Career Information, these standards have become the accepted guide to quality for the developers and operators of such systems. The standards are grouped under six headings: Organization, Information Development, Marketing and User Services, Delivery Systems, Evaluation, and System Finance.

Subject: 02 05 06
Delivery system
Information quality
Organization and management of systems

Type of User Sites: 99
Not Applicable

Geographic Scope: 99
Not Applicable

Form: 01
Description

0030 Serving Diverse Clients with Career Information:
Proceedings of the Second Annual Conference of the Association of
Computer-based Systems for Career Information.

by the Association of Computer-Based Systems for Career Information. Eugene: University of Oregon, 1980: 78 pages.

With the focus on user services, this report includes panel discussions and papers on the experience of state-based career information systems in serving the disabled and rehabilitation agencies, colleges and universities, CETA agencies, correctional facilities, and Educational Information Centers. Other papers cover marketing, pricing, training, and evaluation of systems and services.

Subject: 01 04 06
State-based systems
System effectiveness with various user types
Organization and management of systems

Type of User Sites: 06 07 09 11
Four year colleges and universities
Employment & training centers
Correctional institutions
Rehabilitation agencies

Geographic Scope: 60
United States

Form: 01
Description

0056 Annotated Bibliography on Computer-Assisted Counseling and Guidance

By Cairo, Peter C. Arlington, Virginia: U.S. Army Research Institute
for the Behavioral and Social Sciences, 1977; 50 pages.

A total of 168 titles, listed alphabetically by author, appear under four headings: a summary list of two 1970 annotated bibliographies: computer-based systems in counseling and guidance; surveys of computer-based systems in counseling and guidance; computer support functions and general observations on computers in counseling and guidance.

Subject: 03
 Comparisons of systems

Types of User Sites: 99
 Not applicable

Geographic Scope: 99
 Not applicable

Form: 01
 Description

0057 Evaluating the Effects of Computer-Assisted Counseling Systems: A
 Selective Review

By Cairo, Peter C. The Counseling Psychologist, 1983, Number 11: pages
55-59.

The author reviews evaluative studies of several career guidance and information systems: ECES, CVIS, SIGI, DISCOVER, and CIS. He concludes that "we still know very little about the impact that computer-assisted counseling systems have on the career development of users," and recommends further research into such questions as the appropriateness of criteria used for measuring a system's impact on users; how the amount of time spent using a system affects the user; the fact that not all users have the same needs; and the need for an evaluation comparing existing systems.

Subject: 03
 Comparisons of systems

Types of User Sites: 99
 Not applicable

Geographic Scope: 99
 Not applicable

Form: 01
 Description

0073 Guidelines for the Use of Computer-Based Career Information and Guidance Systems

By Caulum, David and Lambert, Roger (Eds.) Eugene, Oregon: ACSCI Clearinghouse, University of Oregon, 1985; 14 pages.

Prepared by the Association of Computer-Based Systems for Career Information, these Guidelines are designed to assist counselors and others who assist students and clients at a user site to achieve the best possible implementation and utilization of a computer-based system. The guidelines are grouped under seven headings: Theory and Practice, Process, User Needs, System Site Management, Physical Environment, Personnel, and Evaluation.

Subject: 06
Organization and management of systems

Type of User Sites: 99
Not Applicable

Geographic Scope: 99
Not Applicable

Form: 01
Description

0053 SIGI: Report of a Pilot Study Under Field Conditions

By Chapman, Warren; Norris, Lila; Katz, Martin R. Princeton N.J.: Educational Testing Service, 1973: 262 pages.

The System of Interactive Guidance and Information was tested with students at Mercer County Community College. The report covers the rationale and description of SIGI; data sources, procedures, and instruments; illustration of the use of SIGI; variability in student behavior; use of the system by the experimental group; integrity of the system; and evaluative highlights.

Subject: 02
Delivery system

Type of User Sites: 05
Community colleges

Geographic Scope: 34
New Jersey

Form: 03
Evaluation

0066 Integration of Military Occupational and Training Data into
Eight Computerized Career Information Delivery Systems

By Coates-Radloff, A., Harris, C.D., Johnson, C.S., and
Styles, M.B., Alexandria, Virginia: Human Resources
Research Organization, 1985; 193 pages.

This report documents the status of this NOICC-managed
project as of Dec. 31, 1984. Included are an overview of
each system prior to the integration effort, concise
descriptions of the integration methods used by the eight
projects, a description of the newly integrated military
occupational information as it appears in each system, as
well as suggested modifications.

Subject: 05
Information quality

Type of User Sites: 99
Not Applicable

Geographic Scope: 90
US

Form: 02
Project

0071 Computers in Counseling and Development. Special Issue:
Journal of Counseling and Development 63 (3).

By Ekstrom, R. and Johnson, C.S (Eds.) Alexandria, Virginia:
American Association for Counseling and Development, 1984.

This is a compilation of current and relevant information
on computer-assisted career counseling issues and
information. The role of the counselor is explored and
current research on how to maximize the effectiveness of
these computer systems is presented. Authors include Bruce
McKinlay, Garry Walz, JoAnn Harris-Bowlsbey, Marilyn Maze,
Edwin Herr and James Sampson, among others.

Subject:

Type of User Sites: 99
Not Applicable

Geographic Scope: 99
Not Applicable

Form: 01
Description

0050 MOICC Occupational Information User Needs Survey: Results, Conclusions, and Recommendations

By Dobmeyer, Tom. Minneapolis, Minnesota: Walker and Associates, 1980: 90 pages.

This external report on a questionnaire survey of 849 Minnesota users' familiarity with, use of, and need for, four types of occupational information concludes that the areas needing most improvement are occupational supply and demand. Information on occupational characteristics needs some refinement, while labor force information is generally adequate. User needs include a preference for occupation-specific data, quarterly dissemination of information, state and county level information, hardcopy publications and computer printouts, and local and regional user training workshops.

Subject: 01 04

State-based systems

System effectiveness with various user types

Type of User Sites: 03 04 06 07 11

Senior high schools

Vocational-technical schools

Four year colleges and universities

Employment & training centers

Rehabilitation agencies

Geographic Scope: 27

Minnesota

Form: 03

Evaluation

0046 An Analysis of the State Experience in Financing Statewide Career Information Delivery Systems

by Franklin, Paul. Washington, D.C.: National Governors' Association: 85 pages.

The purpose of this study, commissioned by the National Governors' Association, was to determine what factors influence the long-term fiscal viability of a CIDS. Findings showed "extreme variability among individual states in any given year in the amount, sources and, ultimately, the stability of CIDS revenues with no consistent factors to explain the differences."

Subject: 01 07

State-based systems

Costs & cost effectiveness of systems

Type of User Sites: 99

Not applicable

Geographic Scope: 60

United States

Form: 02

Project

0051 Career Information Sources

By Frantz, Steven. Minnesota: Minnesota Department of Education, for the Minnesota Occupational Information Coordinating Committee, 1982: 49 pages.

Various studies indicate that youth believe they are not receiving adequate career information and counseling. This report on a survey questionnaire sent to counselors and youth workers in Minnesota concludes that these professionals have unmet needs in the areas of state and national wage rates, apprenticeship, occupational outlook, educational requirements for jobs, and occupational descriptions. It recommends continued production of several occupational information volumes and encourages continued support for Minnesota Career Information System.

Subject: 01 04

State-based systems

System effectiveness with various user types

Type of User Sites: 02 03 04 05 07 11

Junior high schools or middle schools

Senior high schools

Vocational-technical schools

Community colleges

Employment & training centers

Rehabilitation centers

Geographic Scope: 27

Minnesota

Form: 01

Description

0061 Analysis of the Effects of a Computer-Based Vocational Information System on Selected Aspects of Vocational Planning

By Harris, Jo Ann. DeKalb, Illinois: Northern Illinois University, unpublished doctoral dissertation, 1972: 134 pages.

This study of the use of the CVIS system by sophomores at Willowbrook High School found that: (1) it does not significantly increase the number of occupations which students view as personal options; (2) it does not increase the degree of congruence between stated educational-vocational aspiration level and objective data about grades and measured ability; (3) it does significantly increase the accuracy and range of information which students possess about their chosen occupations; and (4) it does significantly increase vocational maturity, specifically awareness of the need to plan and knowledge of resources for exploration.

Subject: 02 04

Delivery system

System effectiveness with various user types

Type of User Sites: 03

Senior high schools

Geographic Scope: 17

Illinois

Form: 03

Evaluation

0048 Computer-Assisted Guidance in New York City High Schools: A Demonstration of Feasibility and Impact on Students.

By Heller, Barbara R. and Chitayat, Linda. New York: Institute for Research and Development in Occupational Education, Center for Advanced Study in Education, City University of New York, 1976: 141 pages.

This report describes a demonstration of the Guidance Information System at five New York City high schools in 1974-75, during which 4,137 students made some use of the system. Included are analyses of the content of GIS college and occupation files, of student uses of these files, and of responses by users and non-users to several outcome questionnaires.

Subject: 02 05

Delivery system

Information quality

Type of User Sites: 03

Senior high schools

Geographic Scope: 36

New York

Form: 02

Project

0059 Computerized Orientation System for Career Preparation: Final Report

By Meine, Paul A. Fort Worth, Texas: Fort Worth Independent School District, 1979: 153 pages.

The report describes the development and testing of a system designed to provide counselors and students of the Fort Worth Independent School District with information about careers in the North Texas area, suggested high school courses related to specific careers, suggested postsecondary education, and career outlook. About 5,000 students in eight middle schools, four high schools, and one special education school were involved in testing the program in career education classes and in counseling sessions.

Subject: 02
Delivery system

Type of User Sites: 02 03
Junior high schools or middle schools
Senior high schools

Geographic Scope: 48
Texas

Form: 02
Project

0044 Career Information Resources, Applications and Research:
1950-1979

by Parish, Pauline A., Rosenberg, Howard & Wilkinson,
Linda, 1979: 62 pages.

This review of the literature, prepared for the National Occupational Information Coordinating Committee, covers major legislation, student needs for career information, career information publications, evaluations of counseling and career education activities, computerized career information systems, and research and evaluation of such systems.

Subject:

Type of User Sites: 99
Not applicable

Geographic Scope: 60
United States

Form: 01
Description

0068 Effectiveness of CHOICES in Improving the Career Decision Making of University Students

By Pinder, Flora Ann. Unpublished doctoral dissertation, University of Florida, 1982; 112 pages.

The author reports on her research with 136 university students in the use of CHOICES, the Canadian computerized guidance system adopted by Florida in 1979. She found that use of CHOICES "does increase career decision making as measured by the scores on the Career Decision Scale and the Occupational Scale of the Assessment of Career Decision Making." No statistically significant differences between males and females were found.

Subject: 04

System effectiveness with various user types

Type of User Sites: 06

Four-year colleges and universities

Geographic Scope: 99

Form: 01

Description

0070 A National Survey of the Use of DISCOVER and SIGI: Technical Report No. 1

By Sampson Jr., J.P., Shahnasarian, M., and Reardon, R.C. Tallahassee, Florida: Florida State University, 1985; 43 pages.

The authors surveyed 677 institutions using the two computer-assisted guidance systems "to provide base line data on how these systems are being used in a variety of institutions." Responses from 438 pointed to inadequate planning and staff training, among other things, as reasons "to further establish standards for the provision of services."

Subject: 06

Organization and management of systems

Type of User Sites: 06

Four-year colleges and universities

Geographic Scope: 60

US

Form: 01

Description

0069 Clearinghouse for Computer-Assisted Guidance Systems:
Bibliographies and Abstracts

By Shahnasarian, Michael, Ryan-Jones, R.E., Sampson Jr., J.P., Reardon, R.C., Tenhagen, C.A., Clark, J.M., and Maddox, E.N: Tallahassee, Florida: Florida State University, 1985; 80 pages.

The Clearinghouse was established to provide current and readily accessible information relevant to selecting, implementing, and evaluating computer-assisted guidance systems. References pertaining to two such systems--DISCOVER and SIGI--are cited in separate bibliographies; a third "general issues" bibliography contains additional citations. Abstracts of documents relating to the theoretical bases of DISCOVER and SIGI are also available.

Subject: 03
Comparisons of systems

Type of User Sites: 99
Not Applicable

Geographic Scope: 99
Not Applicable

Form: 01
Description

0067 Resources for Career Information Delivery Systems
Development: An Annotated and General Bibliography

By Styles, Melanie B. Alexandria, Virginia: Human Resources Research Organization, 1985; 27 pages.

This bibliography includes 68 citations under six headings; the role and implementation of computerized career information systems and computerized guidance systems; ethical issues and standards; theoretical foundations; research and evaluation; career counseling resources; and military information.

Subject: 03
Comparisons of systems

Type of user Sites: 99
Not Applicable

Geographic Scope: 99
Not Applicable

Form: 01
Description

0060 Career Guidance for Science Students: Systems, Practices, and Data Base

By Thal-Larsen, Margaret and Parrish, Gerald R. Berkeley, California: Management Technology--Career Projects, 1975: 185 pages.

This report to the National Science Foundation surveys theories and principles underlying the career guidance provided students; what students want and what they receive in the way of career guidance; counselor-based and career education-based approaches to career guidance; characteristics of computerized career guidance systems; and data base requirements for career information. The authors conclude with 33 recommendations for further research and action by NSF.

Subject: 03
Comparisons of systems

Type of User Sites: 99
Not applicable

Geographic Scope: 60
United States

Form: 01
Description

0029 Career Information Systems: Standards for Organization and Development

by the Employment and Training Administration, U.S. Department of Labor. Washington, D.C.: U.S. Department of Labor, Employment and Training Administration, 1977: 31 pages.

This Department of Labor document provides a framework of standards for the development and extension of statewide systems for career information, based on DOL's experience in funding such systems in eight states. Standards cover system objectives, information development, delivery methods, organizational structure, and evaluation methods.

Subject: 01 05 06 07 08
State-based systems
Information quality
Organizational and management of systems
Costs & cost effectiveness of systems
Policy

Type of User Sites: 99
Not applicable

Geographic Scope: 60
United States

Form: 01
Description

0031 Career Thresholds, Volume 6: A Longitudinal Study of the Educational and Labor Market Experience of Young Men

by the U.S. Department of Labor, Employment and Training Administration. Washington, D.C.: Government Printing Office, 1977; 357 pages.

This is one of a series of reports on the National Longitudinal Studies conducted by the Bureau of the Census and the Center for Human Resource Research under the direction of Herbert S. Parnes. Chapters focus on the formation and revision of educational and occupational goals by young men, the labor market effects of investment in human capital, consequences of occupational mobility, dimensions of youth unemployment, and consequences of military service.

Subject: 08
Policy

Type of User Site: 99
Not applicable

Geographic Scope: 60
United States

Form: 01
Description

0027 Labor Market Information for Youths

by Wolfbein, Seymour L, ed. Philadelphia: Temple University, 1975; 262 pages.

This volume includes 13 papers presented at a 1974 Temple University conference sponsored by the Department of Labor. Topics covered include the school-work transition, implications of demographic trends, changes in the relative position of college and high school graduates, issues in program evaluation, the impact of improved job information, and the application of information systems to career and job choice.

Subject: 08
Policy

Type of User Sites: 99
Not applicable

Geographic Scope: 99
Not applicable

Form: 01
Description

The Association of Computer-Based Systems for Career Information (ACSCI) is a professional organization for the advancement of career information. Formed in 1978, the Association and its members work to advance the development and use of career information, information technology, and services to users through standards, training, public information, and technical assistance. Full members are organizations that operate computer-based systems

for career information in states and metropolitan areas. Supporting members include developers and vendors of software and hardware used in delivering career information. Individual members include researchers, administrators, counselors, and others who are interested in the field of career information. Inquiries about membership may be sent to the ACSCI Clearinghouse, 1787 Agate Street, Eugene, OR 97403.
